

Figure 1: Hybrid encoder
1a

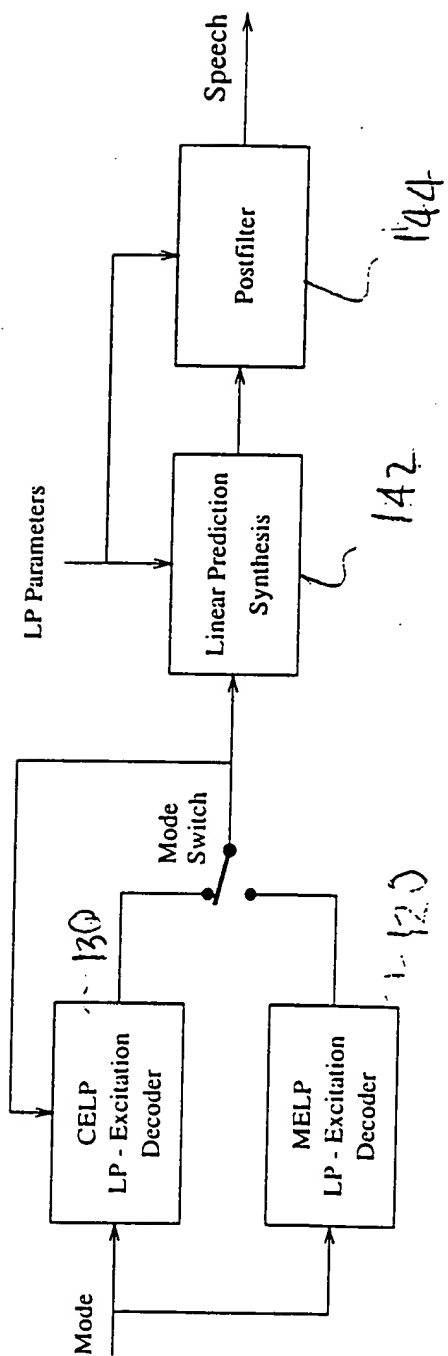


Figure 2: Hybrid decoder

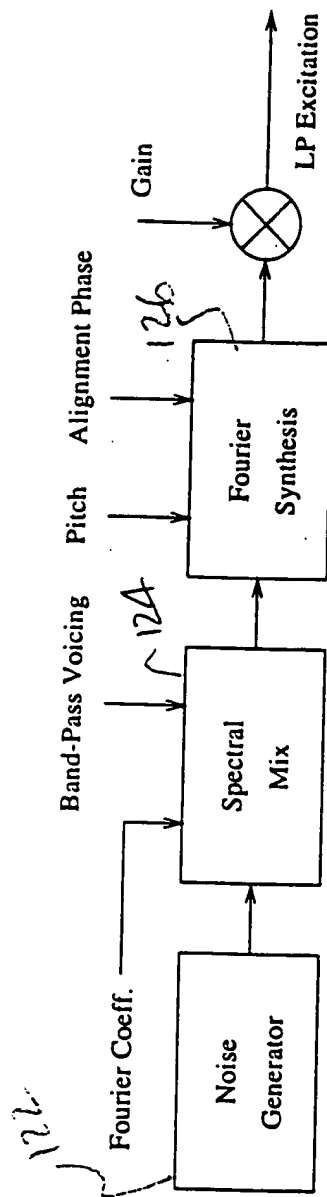
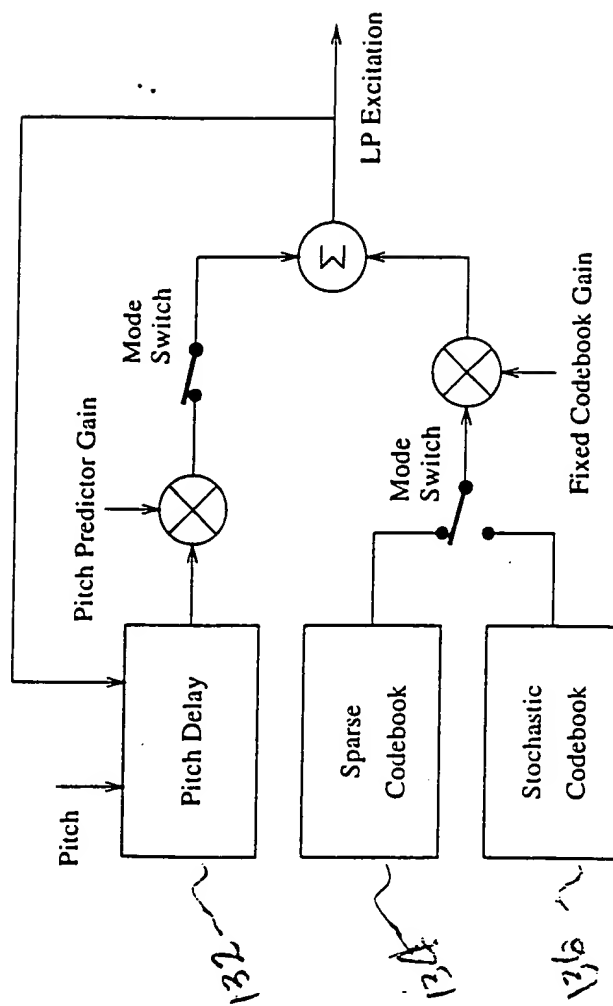


Figure 4: MELP LP-excitation decoder

lc



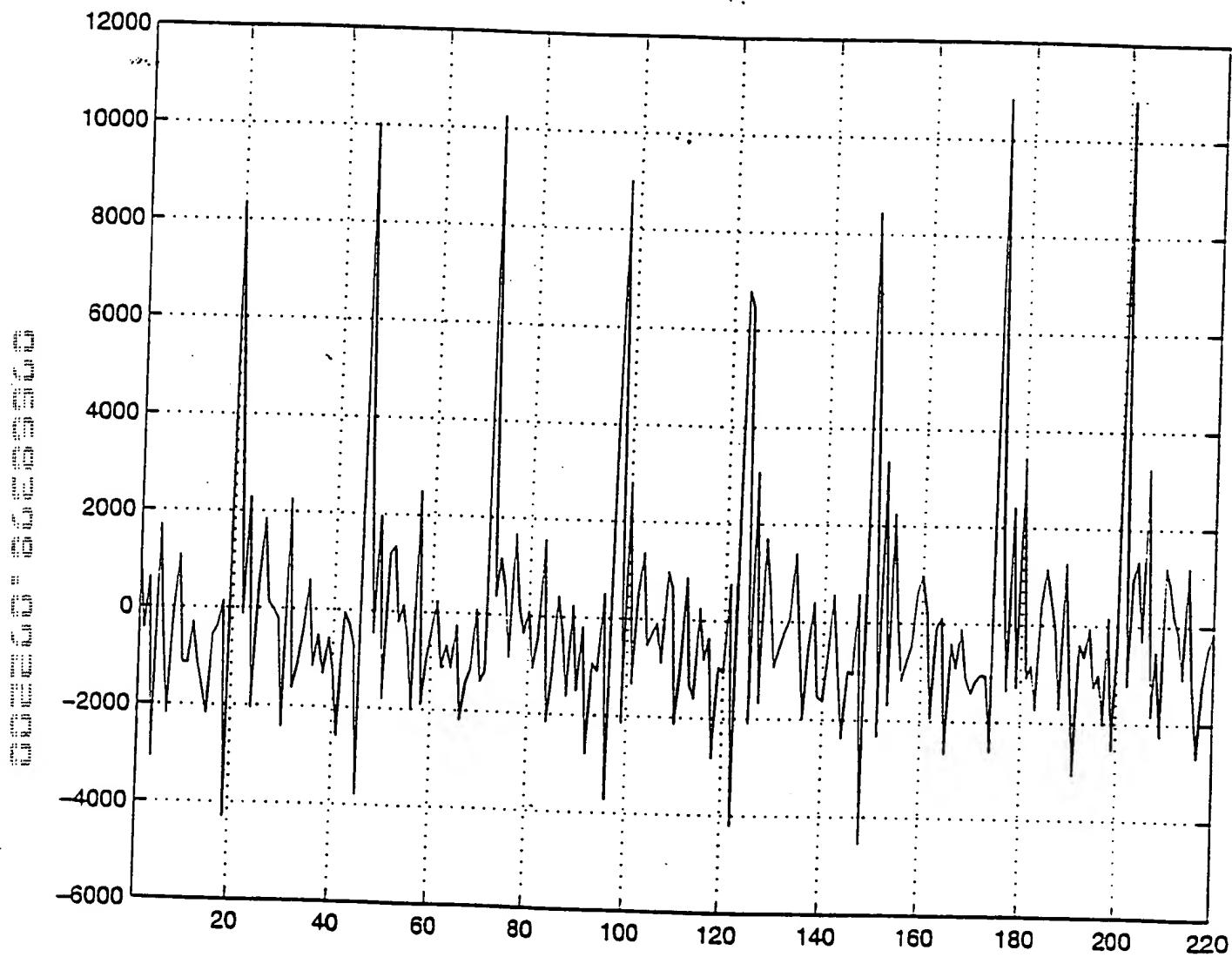


Fig. 2a

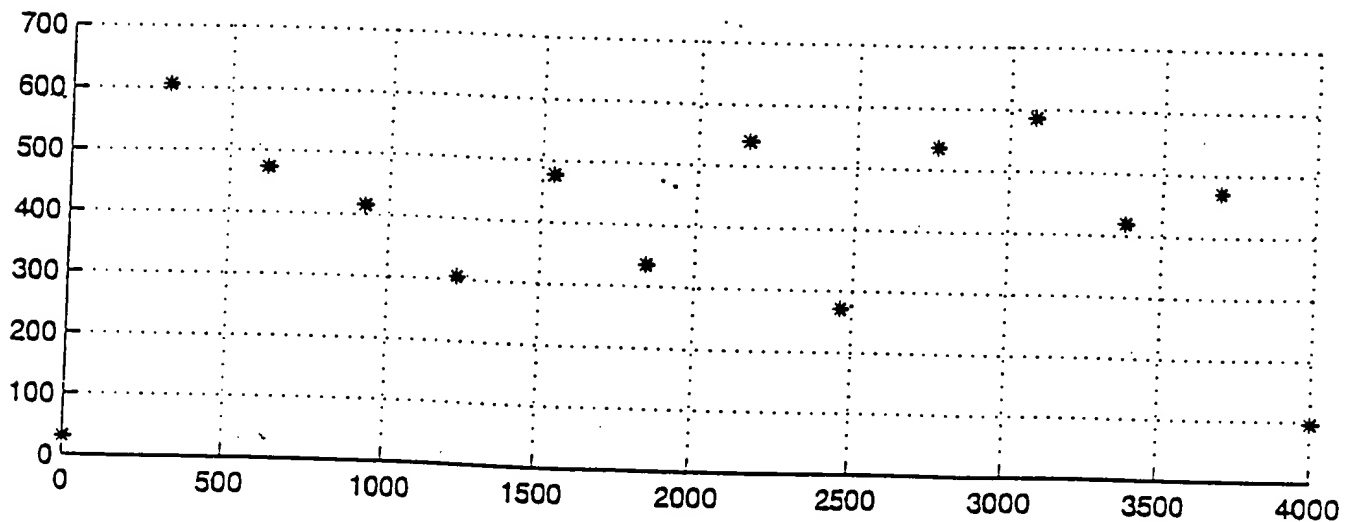


Fig. 2b

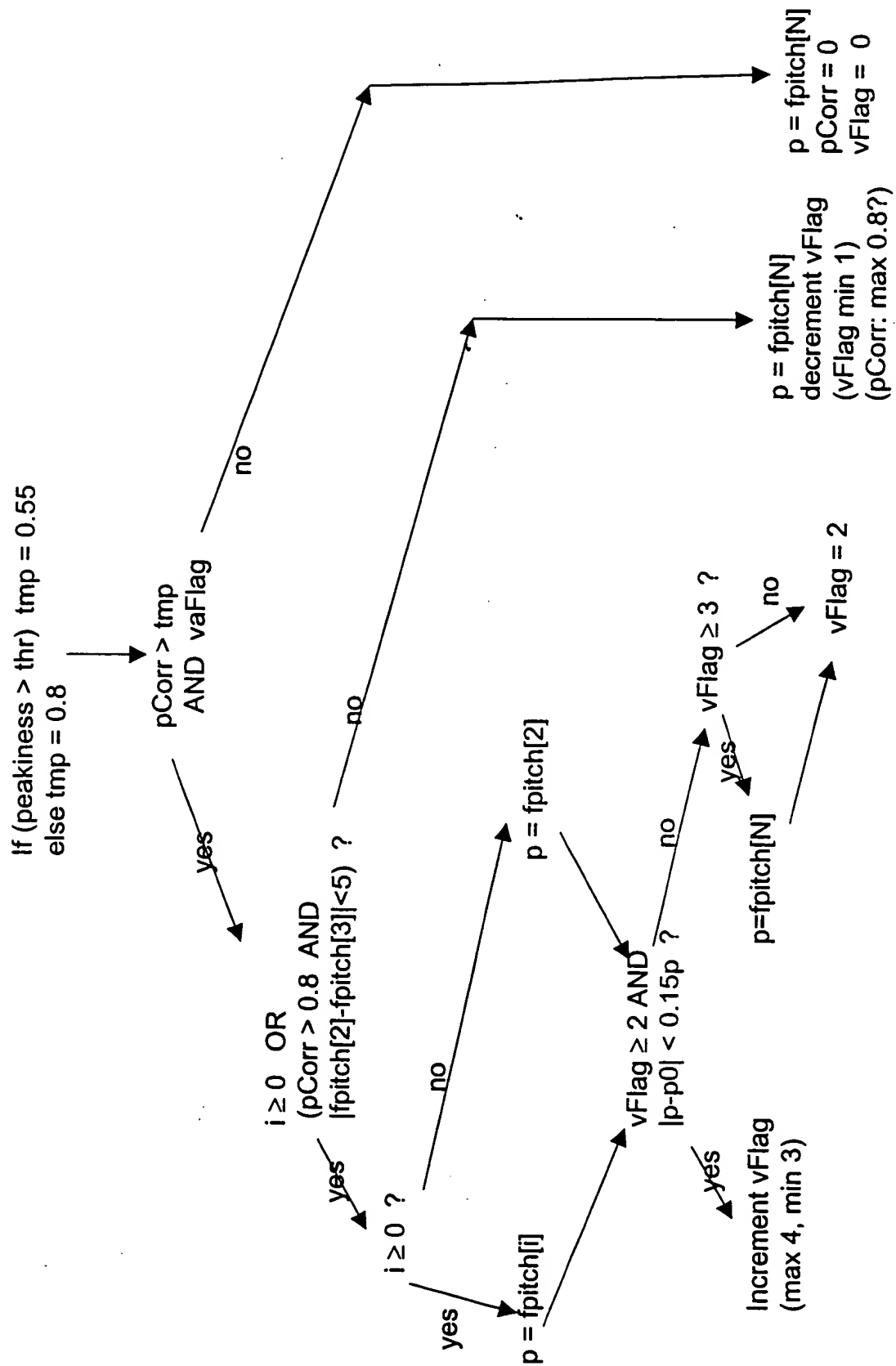


Fig. 3a

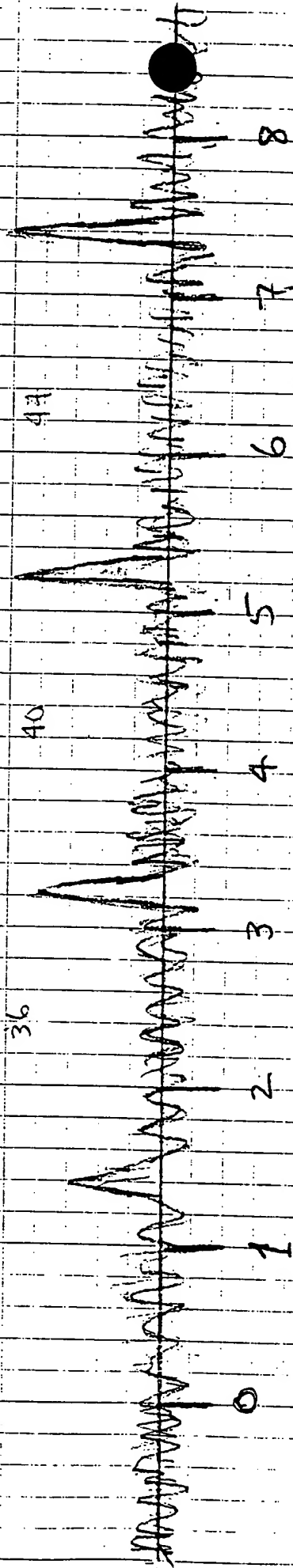
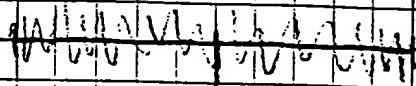
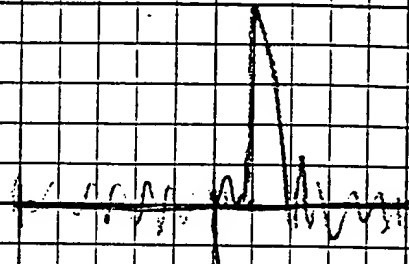
[illegible]

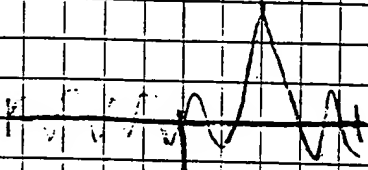
Fig. 4a



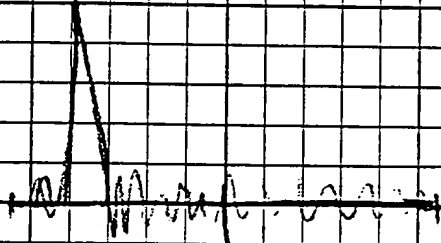
$u(0)$



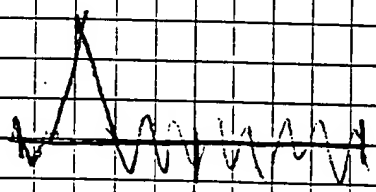
$u(5)$



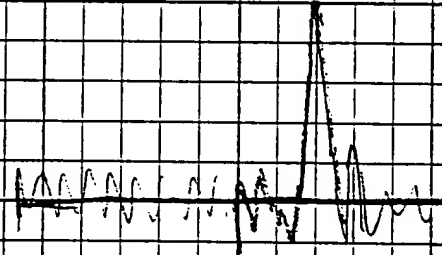
$u(1)$



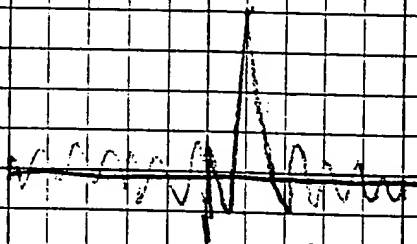
$u(6)$



$u(2)$



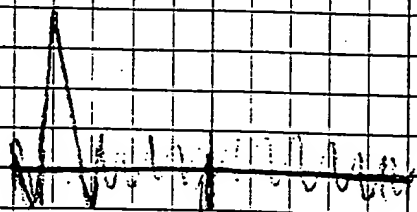
$u(7)$



$u(3)$



$u(8)$

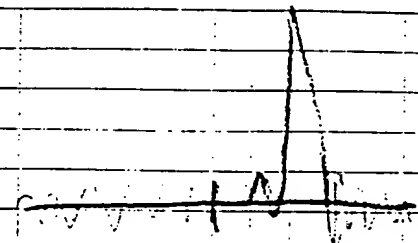


$u(4)$

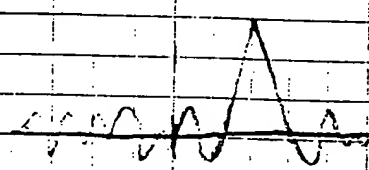
Fig. 4b



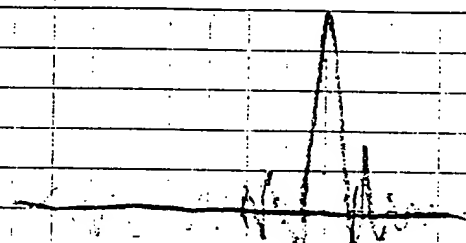
$u(f)$



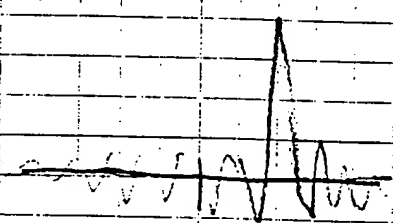
$u(a,6)$



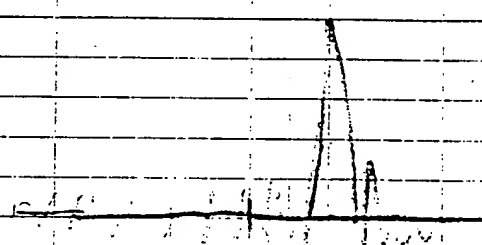
$u(a,2)$



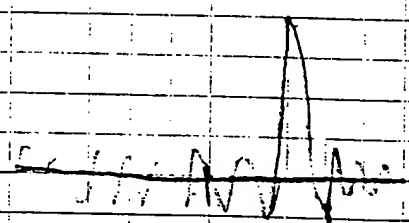
$u(a,7)$



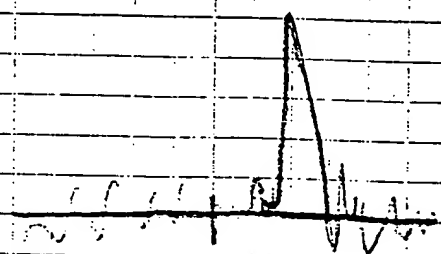
$u(a,3)$



$u(a,8)$



$u(a,4)$



$u(a,5)$

Fig 4c

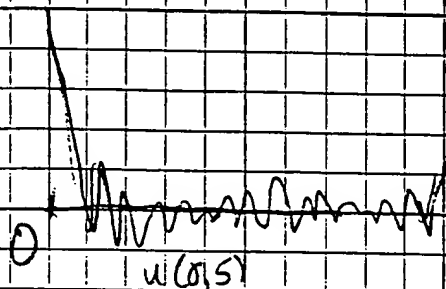
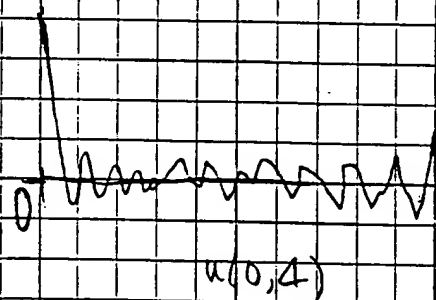
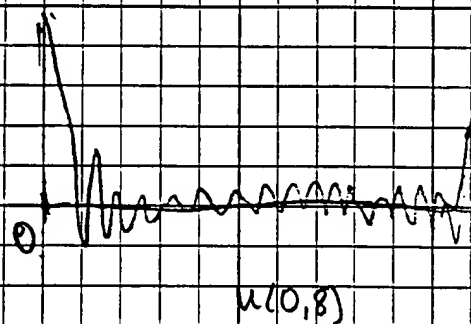
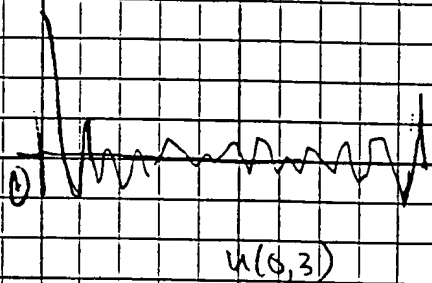
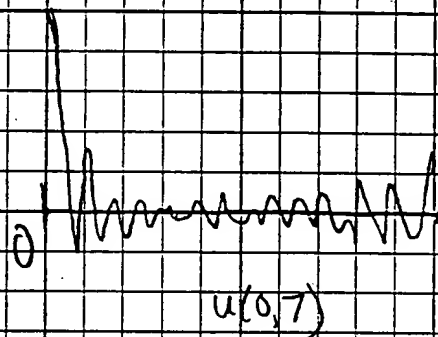
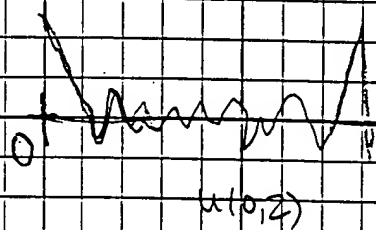
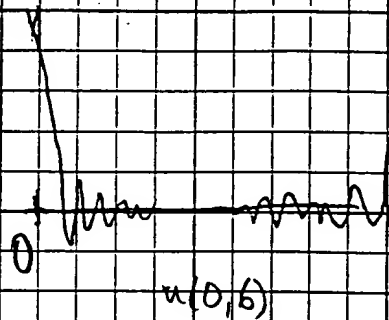
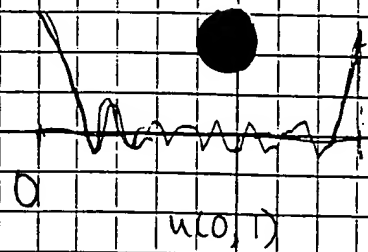


Fig. 4d

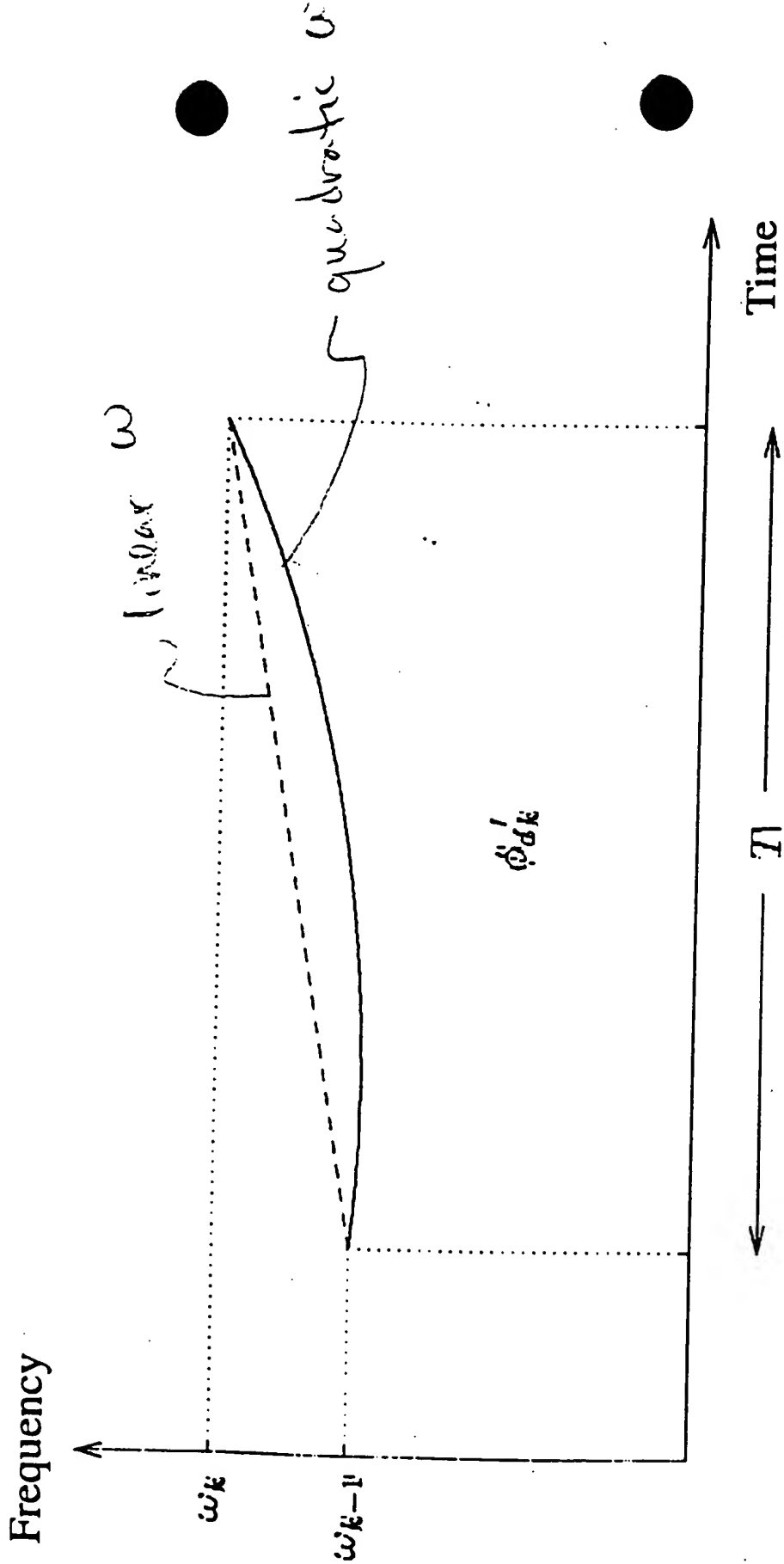


Fig. 5

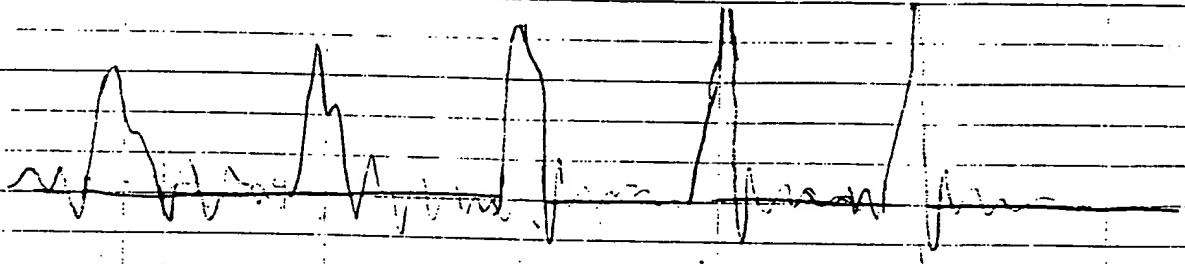


Fig. 6a

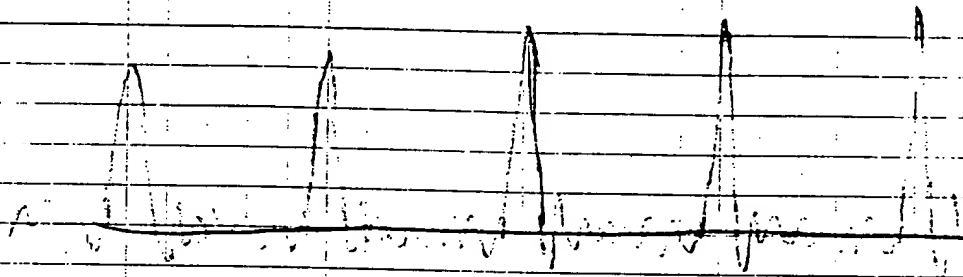


Fig. 6b

